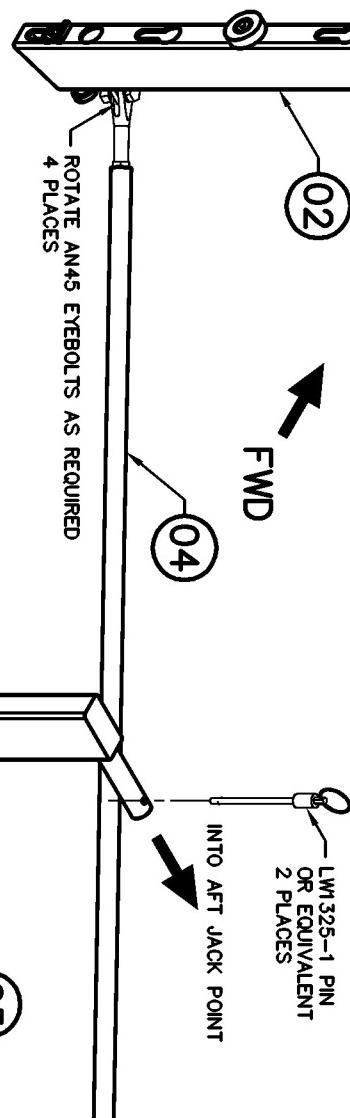


01 PROVISIONS INSTALLATION

LEFT SIDE SHOWN, RIGHT SIDE IDENTICAL

P.F.S.
18.76
F.S.
67.3
F.S.
96.90

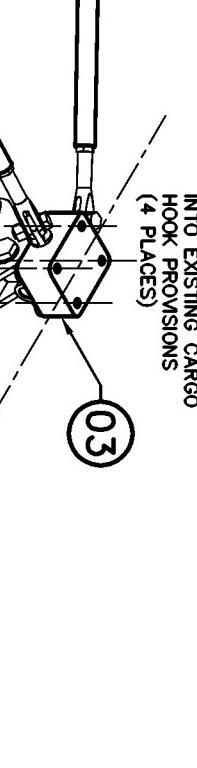


LW1325-1 PIN
OR EQUIVALENT
2 PLACES

INTO AFT JACK POINT
INTO EXISTING CARGO
HOOK PROVISIONS
(4 PLACES)

FWD

ROTATE AN45 EYEBOLTS AS REQUIRED
4 PLACES

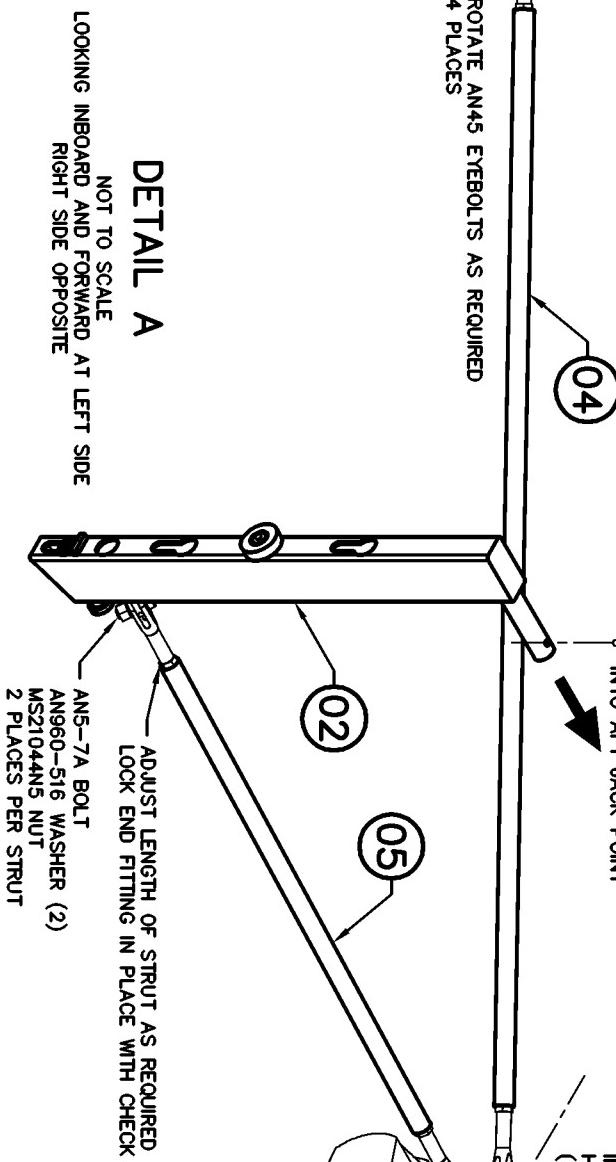


LW1325-1 PIN
OR EQUIVALENT
2 PLACES

INTO AFT JACK POINT
INTO EXISTING CARGO
HOOK PROVISIONS
(4 PLACES)

FWD

ROTATE AN45 EYEBOLTS AS REQUIRED
4 PLACES



LW1325-1 PIN
OR EQUIVALENT
2 PLACES

INTO EXISTING CARGO
HOOK PROVISIONS
(4 PLACES)

FWD

ROTATE AN45 EYEBOLTS AS REQUIRED
4 PLACES

DETAIL A

NOT TO SCALE

LOOKING INBOARD AND FORWARD AT LEFT SIDE
RIGHT SIDE OPPOSITE

ADJUST LENGTH OF STRUT AS REQUIRED
LOCK END FITTING IN PLACE WITH CHECK NUT
AN5-7A BOLT
AN960-516 WASHER (2)
MS21044N5 NUT
2 PLACES PER STRUT

SEE NOTE 3

LOCKWIRE BOLTS TOGETHER USING
MS20995C220E LOCKWIRE
WITH CARGO HOOK INSTALLED:
NAS1304-29H
AN960-416 WASHER

NO CARGO HOOK INSTALLED:
NAS1304-26H
AN960-416 WASHER

SEE NOTE 3

AERO DESIGN LTD.

CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
tel: (403) 250-8027 fax: (403) 250-8333
www.aerodesign.ca

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:

DECIMALS

X.XXX ±0.010
X.XX ±0.03
X.X ±0.1

ANGLES
±1/2°

MCDONNELL DOUGLAS MD600N
QUICK RELEASE PROVISIONS
INSTALLATION

APPROVALS	DATE	MCDONNELL DOUGLAS MD600N QUICK RELEASE PROVISIONS INSTALLATION		
DRAWN: JEFF CLARKE	17 NOV 2008			
CHECKED: E. BURGOIN				
NOT TO SCALE	DWG. SIZE A4	DWG. NO. 82802	REV. 0	SHEET 1 OF 2

NOTES

1. INSTALLATION MAY BE APPLIED TO THE LEFT OR RIGHT SIDE. LATERAL ARM IS POSITIVE ON RIGHT SIDE.
 2. THIS INSTALLATION IS COMPATIBLE WITH THE 3000 LB. CARGO HOOK INSTALLATION (P/N 369H90072-1).
 3. ENSURE FULL ENGAGEMENT OF NAS1304 BOLTS. BOLT LENGTH MAY BE INCREASED IF REQUIRED. NAS6604 BOLTS MAY BE USED AS ALTERNATE IF REQUIRED.
 4. INSTALL ALL HARDWARE USING STANDARD SHOP PRACTICES AS OUTLINED IN AC43.13-1B, CHAPTER 7 "AIRCRAFT HARDWARE, CONTROL CABLES, AND TURNBUCKLES", OR STANDARD AIRCRAFT WORKERS MANUAL, SECTION 7 "SHOP PRACTICES".
 5. TORQUE 5/16" BOLTS TO 60-85 INCH-POUNDS.
TORQUE 1/4" BOLTS TO 30-40 INCH-POUNDS.

WEIGHT AND BALANCE						
ITEM	DESCRIPTION	LONGITUDINAL			LATERAL	
		WEIGHT (LB)	ARM (IN)	MOMENT (LB-IN)	ARM (IN)	MOMENT (LB-IN)
01	QUICK RELEASE PROVISIONS	11.2	85.6	958.7	-20.5	-229.6
2	LW1325-1	PIN				
A/R	MS20995C20E	LOCKWRE				
A/R	AN960-416	WASHER				
4	NAS1304-26H	BOLT (ALTERNATE - NO HOOK)	BOLT			
4	NAS1304-29H	BOLT				
1	MS21044N5	NUT				
1	AN960-516	WASHER				
4	AN5-7A	BOLT				
1	82831-02	05 AFT STRUT				
1	82831-01	04 FORWARD STRUT				
1	82830-01	03 CARGO HOOK PAD				
2	82815-01	02 BEAM ASSEMBLY				
	82802-01	01 QUICK RELEASE PROVISIONS INSTALLATION				
01	PART NO.	ITEM	DESCRIPTION			
QTY			LIST OF MATERIALS			

APPROVALS		DATE		AERO DESIGN LTD.			
DRAWN:	JEFF CLARKE	17 NOV 2008		CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 www.aerodesign.ca			
CHECKED:	E. BURGOIN			MCDONNELL DOUGLAS MD600N QUICK RELEASE PROVISIONS INSTALLATION			
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS X.XXX ±0.010 X.XX ±0.03 X.X ±0.1 ANGLES ±1½°							
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.			
SHEET 2 OF 2	A4	82802	0				